



Docket No. 915-006.068
Serial No. 10/516,870

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

Re Application of: Jens Jacobsen et al.

Serial No.: 10/516,870

Examiner: Godbold, Douglas

Filing Date: August 25, 2005

Group Art Unit: 2626

Title: **Voice-controlled data access in and control of a mobile communication device via speech recognition**

MAIL STOP APPEAL BRIEFS-PATENTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

APPEAL BRIEF

Sir:

This brief, prepared under 37 C.F.R. 41.37 effective September 13, 2004, follows a Notice of Appeal filed on July 29, 2009 in response to a final Office Action mailed May 29, 2009.

For all of the reasons discussed below, it is believed that all remaining claims of the application distinguish the invention from the art relied upon by the Examiner. Nevertheless, the applicant is always willing to discuss possible amendments to any claims to clarify or resolve any issues related to claim interpretation that may remain after the Examiner has reviewed applicant's brief. The Examiner is strongly encouraged to call the undersigned to discuss making any such amendments.

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I. REAL PARTY IN INTEREST

The real party in interest in this appeal is Nokia Corporation, a corporation organized under the laws of Finland.

II. RELATED APPEALS AND INTERFERENCES

There are no related appeals or interferences.

III. STATUS OF CLAIMS

The application has 32 claims, in which claims 2, 7, 8, 11 and 18 are canceled, and claims 1, 3-6, 9, 10, 12-17 and 19-32 are pending. In the final Office Action of May 29, 2009, claims 1, 3-6, 9, 10, 12-17 and 19-32 were rejected.

Rejections to claims 1, 3-6, 9, 10, 12-17 and 19-32 are being appealed.

IV. STATUS OF AMENDMENTS

An after-final amendment was submitted on August 11, 2009, correcting errors in dependency of claims 23 and 24. According to the Advisory Action mailed on August 25, 2009, the amendment was entered. A list of the currently pending claims can be found in the Appendix.

V. SUMMARY OF CLAIMED SUBJECT MATTER

The claimed invention is directed to a method of speech recognition in a mobile communication device. In the claims 1, 3-6, 9, 10, 12-17 and 19-32 that are being appealed, claims 1, 9, 10 and 17 are independent. **Claim 1** is directed to the method, independent **claim 9** is directed to a computer program product for performing the method in the mobile communication device, and independent **claims 10 and 17** are

directed to the mobile communication device. All independent claims have corresponding features.

The method of **claim 1** comprises:

receiving an initial user input, the input causing a mobile communication device to be prepared for receiving an acoustic input of the user to perform a speech recognition thereon (see page 7, lines 20-28, Figure 1, steps S103 and S104, of the originally filed specification, published as WO 2004/006550 A1);

receiving the acoustic input of the user and performing speech recognition on the acoustic input (see page 7, lines 28-34, Figure 1, step S105); and

in case of failure of the speech recognition, performing a back-up operation alternatively to the speech recognition to enable the user to provide a manual input (see page 2, lines 10-13, page 8, lines 20-28, Figure 1, step S110 or Step S111).

The back-up operation is performed as follows:

(1) upon receiving a first manual user input in response to user actuation of a multiple switching component, which is capable to generate at least either a first input value or a second input value of the first manual user input, displaying a list of a first set of data records in accordance with the first input value of the first manual user input or displaying a list of a second set of data records in accordance with the second input value of the first manual user input (see page 8, lines 20-28, Figure 1, steps S110, S111); and

(2) upon receiving a second manual user input identifying one data record of the displayed list, transmitting an instruction corresponding to the identified data record to at least one application of a plurality of applications executable on the mobile communication device (see page 8, line 35 to page 9, line 15, page 9, line 33 to page 12, line 22, and Figures 2a and 2b).

Claim 1 further specifies that:

(1) data records of the first set of data records each comprises at least one instruction dedicated to a dialing application for dialing a telephone number comprised in the instruction, the first set of data records represents all telephone directory entries associated with voice tags and selectable by speech recognition (see page 14, lines 1-13, page 3, lines 17-18, and Figure 3, S210-S215); and

(2) data records of the second set of data records each comprises at least one instruction dedicated to a control function of at least one further application executed on the mobile communication device in accordance with the instruction, the second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition (see page 13, lines 8-29, page 3, lines 17-18, and Figure 3, S220-S225).

Claim 9 pertains to an application store having computer-executable instructions stored thereon for execution of a method by a processing unit in a mobile communication device. The application store is for installation in said mobile communication device (see page 4, lines 24-28 and Figure 4, element 250). The method recited in claim 9 comprises all the features of claim 1 as described above.

Claim 10 recites a mobile communication device. The mobile communication device comprises:

pre-stored voice tags that are employable for speech recognition to enable selection of data records by speech input and recognition based on said voice tags, the data records comprising a first set of data records and a second set of data records, wherein the first set of data records and said second set of data records relate to different applications executable on said mobile communication device (see page 3, lines 24-29, page 7, line 34, page 15, lines 14-19, and Figure 4, element 270);

a speech recognition component for recognizing acoustic input via a microphone resulting in a selection of one of the data records in accordance with the acoustic input (see page 15, lines 1-5 and Figure 4, elements 222, 200 and 250);

a first actuator for activating said speech recognition component (see page 16, lines 4-35 and Figure 4, depiction of keys and element 210);

a second actuator comprising a multiple switching component capable of generating a first input signal and a second input signal, said second actuator operable with said speech recognition component for displaying a list of said first set of data records on a display of said mobile communication device in accordance with said first input signal or a list of said second set of said data records on said display of said mobile communication device in accordance with said second input signal (see page 16, lines 4-35 and Figure 4, depiction of keys and element 210); and

a third actuator for selecting one data record of said list displayed on said display and for transmitting an instruction corresponding to said selected data record to at least one application of the different applications for execution in accordance with said instruction (see page 16, lines 4-35 and Figure 4, depiction of keys and element 210).

Claim 10 further specifies that:

(1) data records of the first set of data records each comprises at least one instruction dedicated to a dialing application for dialing a telephone number comprised in the instruction, the first set of data records represents all telephone directory entries associated with voice tags and selectable by speech recognition (see page 14, lines 1-13, page 3, lines 17-18, and Figure 3, S210-S215); and

(2) data records of the second set of data records each comprises at least one instruction dedicated to a control function of at least one further application executed on the mobile communication device in accordance with the instruction, the second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition (see page 13, lines 8-29, page 3, lines 17-18, and Figure 3, S220-S225).

Claim 17 also recites a mobile communication device. The mobile communication device comprises:

a memory having a speech recognition program stored thereon for execution in said mobile communication device (see page 14, line 37 to page 15, line 5 and Figure 4, element 250);

a signal processor coupled to said memory, responsive to an initial user input, for causing the mobile communication device to be prepared for receiving an acoustic input of the user; said signal processor is responsive to the acoustic input of the user for performing speech recognition thereon (see page 14, line 35 and Figure 4, element 200); and said signal processor is configured to perform a back-up operation alternatively to said speech recognition to enable said user to provide manual input in case of failure of said speech recognition of said acoustic input (see page 2, lines 10-13, page 8, lines 20-28, Figure 1, step S110 or Step S111).

The backup operation is performed as follows:

(1) upon receiving a first manual user input in response to user actuation of a multiple switching component, which is capable to generate at least either a first input value or a second input value of the first manual user input, displaying a list of a first set of data records in accordance with the first input value of the first manual user input or displaying a list of a second set of data records in accordance with the second input value of the first manual user input (see page 8, lines 20-28, Figure 1, steps S110, S111); and

(2) upon receiving a second manual user input identifying one data record of the displayed list, transmitting an instruction corresponding to the identified data record to at least one application of a plurality of applications executable on the mobile communication device (see page 8, line 35 to page 9, line 15, page 9, line 33 to page 12, line 22, and Figures 2a and 2b).

Claim 17 further specifies that:

(1) data records of the first set of data records each comprises at least one instruction dedicated to a dialing application for dialing a telephone number comprised in the instruction, the first set of data records represents all telephone directory entries

associated with voice tags and selectable by speech recognition (see page 14, lines 1-13, page 3, lines 17-18, and Figure 3, S210-S215); and

(2) data records of the second set of data records each comprises at least one instruction dedicated to a control function of at least one further application executed on the mobile communication device in accordance with the instruction, the second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition (see page 13, lines 8-29, page 3, lines 17-18, and Figure 3, S220-S225).

VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

The following grounds of rejection are to be reviewed on appeal:

Claims 1, 3-6, 9, 10, 12-17 and 19-32 are rejected under 35 U.S.C. §103(a) as being unpatentable over Fortier et al (U.S. Patent No. 6,584,179, Fortier hereinafter) in view of Badarneh (U.S. Publication 2003/0001816, Badarneh hereinafter) and further in view of Smith et al (U.S. Publication 2001/0047263, Smith hereinafter) - page 2 of the final Office Action, May 29, 2009.

VII. ARGUMENT

The following argument is presented with regard to the rejection of claims 1, 3-6, 9, 10, 12-17 and 19-32 under 35 USC §103(a) over Fortier in view of Badarneh and further in view of Smith.

Claim 1

The Office first compared some features of claim 1 with Fortier (According to the numbered paragraph 4 of the final Office Action, it appears that the reference to Smith in the first line of the numbered paragraph 5 is incorrect. It should read Fortier.), and asserts that Fortier teaches the following (see page 2, second line of the numbered paragraph 5, to page 3, line 9 of the final Office Action):

- receiving an initial user input, the input causing a mobile communication device to be prepared for receiving an acoustic input of the user to perform a speech recognition thereon;
- receiving the acoustic input of the user and performing speech recognition on the acoustic input;
- in case of failure of the speech recognition, performing a back-up operation alternatively to the speech recognition to enable the user to provide a manual input...(emphasis added)

It is clearly and unambiguously comprehended by reading the above sections of claim 1 that the mobile communication device of the present invention is configured to: (1) receive an initial user input, (2) prepare itself for performing a speech recognition, and (3) perform the speech recognition on a received acoustic input. It goes without saying that all these actions are performed by the mobile communication device without transmitting signals to or from another device or system.

Fortier teaches a method and an apparatus for improving the utility of speech recognition. The method involves capturing a spoken word, passing the spoken word to a speech recognition algorithm, receiving at least one text representation of the spoken word from the speech recognition algorithm, and passing a text representation of the spoken word to a display telephone to permit the user to select the correct representation of the voice response (Abstract).

It is noted that the apparatus as disclosed by Fortier is not a terminal device (such as a traditional telephone or a mobile communication device) but a network node (such as an access server). Claim 21 of Fortier clearly spelled out the scope of the server and distinguished it from a terminal device to which it is connected via the Public Switched Telephone Network (PSTN) 14. Referring to Figure 1 of Fortier, the access server(s) 16 communicates via the PSTN with a hardwired display telephone (i.e. a terminal device), and speech recognition algorithm(s) 20 responds to queries from the access server and one or more databases 26-34 which likewise respond to queries from the access server. Fortier teaches a procedure of the speech recognition that includes

several signal transmissions between the telephone and the server and between the server and the speech recognition algorithm (see Fig. 3):

- a) capturing in electronic form a word spoken by the speaker (*signals from the telephone to the server*);
- b) passing the word to a speech recognition algorithm (*signals from the server to the speech recognition algorithm*);
- c) receiving from the speech recognition algorithm at least one representation of the word (*signals from the speech recognition algorithm to the server then to the telephone*);
- d) displaying for the speaker as text the at least one representation of the word to permit the speaker to select a correct representation of the word from among the at least one representation (*signals from the telephone to the server*); and
- e) repeating the steps of a)-c) in an event that none of the representations of the word are verified as correct, or enabling the speaker to communicate the at least one word in another way (see column 2, lines 13 to 25 of Fortier)

Therefore, Fortier clearly describes terminal devices (such as hardwired telephones) as being connected to the server, and the speech recognition algorithm is a component associated with the server, not the terminal devices. Fortier never suggested that the speech recognition algorithm may be implemented in the terminal device, and therefore he never teaches to receive an initial user input, which causes the terminal device to be prepared for receiving an acoustic input for performing speech recognition thereon, and to perform the speech recognition on the acoustic input by the terminal device.

Based on the above, the Office's assertion that the above-quoted sections of claim 1 read on Fortier is entirely incorrect and should be recognized as such.

Further in the final Office Action, the Office acknowledged that Fortier fails to teach (1) the communication device is mobile, or (2) the back-up operation as recited in claim 1. However, the Office introduces Badarneh and combines it with Fortier for these

features (see page 3, line 10 to page 5, line 19 of the final Office Action).

Badarneh relates to a system and method for displaying and assisting manipulative movements when operating an operating device for a piece of functional equipment, for example, a telephone, a **mobile telephone**, and the like. In context with Figs. 19a-n of Badarneh, an actuator 28 is shown, which is tiltable in several directions, here shown having four possibilities (paragraph [0097]). In general, the use of tiltable soft keys such as the four-way tiltable soft key illustrated in Figs. 19a-n is known in the field of cellular telephones. Badarneh describes in Figs. 19l-n that different tilt-directions of the four-way tiltable soft key can be used to select and navigate through menus. The operation initiated by actuating the four-way tiltable soft key is displayed in a status line (cf. Fig. 19l, where the status line comprises the entries “Book”, “Menu”, Lock” and “Off”). In that the “left-direction” of the four-way tiltable soft key is actuated, the “Phonebook” as illustrated in Fig. 19n is displayed.

However, **Badarneh cannot be combined with Fortier**, because the former relates to a control means on an operating device (i.e. a terminal device) and the latter relates to a network server. Neither Fortier nor Badarneh suggested that a speech recognition algorithm may be installed in the operating device and the backup operation using the actuator on the device to select data records is subsequent to a failure of the speech recognition on an acoustic input.

Further in the final Office Action, the Office acknowledged that neither Fortier nor Badarneh specifically teaches or suggests that *“data records of the second set of data records each comprises at least one instruction dedicated to a control function of at least one further application executed on the mobile communication device in accordance with the instruction, the second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition”* but asserts that Smith teaches allowing the user to navigate commands with speech recognition (see page 5, line 21 to page 6, line 5 of the final Office Action). The Office uses Fig. 6 of Smith for showing that user can say call number, or directory, etc. which are voice commands.

In fact, in the present invention, the second set of data records comprises device functions and device application functions (page 5, lines 26-27 of the originally filed application). Therefore, “an instruction dedicated to a control function” is not a command to retrieve a phone number and dial it. Rather, as disclosed on page 13, lines 8-37 and Fig. 3, steps S220-S225, the commands include “Missed Calls,” “Profile Settings,” and “Radio Off!” etc. The phone directory and call numbers are included in the first set of data records, not the second set of data records, and Smith, at the cited location, never teaches to use the voice recognition to activate a device control function.

In conclusion, the subject matter of the pending independent claim 1 is not obvious over Fortier in view of Badarneh and further in view of Smith. Therefore, applicant respectfully requests that the Board reverse the rejection to claim 1.

Claims 3-6

Dependent claims 3-6 depend directly from independent claim 1, contain all limitations recited therein, and are patentable over the cited references at least in view of their dependencies. See *In re Fine*, 5 USPQ2d 1596, 1600 (Fed. Cir. 1988) (if an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending therefrom is nonobvious). Therefore, applicant respectfully requests that the Board reverse the rejection to claims 3-6.

Claim 9

Independent claim 9 contains limitations similar to those recited in independent claim 1, and on page 8, numbered paragraph 10, of the final Office Action of May 29, 2009, it is rejected for the same reasons as claim 1. Therefore, for at least the reasons discussed above in relation to claim 1, independent claim 9 is not disclosed or suggested by the cited references, and applicant respectfully requests that the Board reverse the rejection to claim 9.

Claim 10

Independent claim 10 contains limitations similar to those recited in independent claim 1. Especially, claim 10 recites that the mobile communication device comprises a

speech recognition component for recognizing acoustic input via a microphone resulting in a selection of one of the data records in accordance with the acoustic input. This speech recognition component, which is included in the device, is different from the speech recognition component disclosed by Fortier, which is located outside the device.

Therefore, for at least the same reasons discussed with regard to claim 1, and the above comparison between claim 10 and Fortier, the claimed invention as in independent claim 10 cannot be achieved by a combination of the cited references. Applicant respectfully requests that the Board reverse the rejection to claim 10.

Claims 12-16 and 25-28

Dependent claims 12-16 and 25-28 depend from independent claim 10, contain all limitations recited therein, and are patentable over the cited references at least in view of their dependencies. See *In re Fine*, 5 USPQ2d 1596, 1600 (Fed. Cir. 1988) (if an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending therefrom is nonobvious). Therefore, applicant respectfully requests that the Board reverse the rejection to claims 12-16 and 25-28.

Claim 17

Independent claim 17 contains limitations similar to those recited in independent claim 1, and on page 13 of the final Office Action, it is rejected for the similar reasons as claim 1. Therefore, for at least the reasons discussed above in relation claim 1, independent claim 17 is not disclosed or suggested by the cited references, and applicant respectfully requests that the Board reverse the rejection to claim 17.

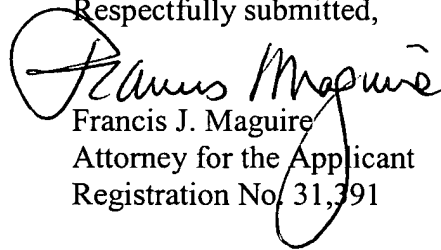
Claims 19-24 and 29-32

Dependent claims 19-24 and 29-32 depend directly from independent claim 17, contain all limitations recited therein, and are patentable over the cited references at least in view of their dependencies. See *In re Fine*, 5 USPQ2d 1596, 1600 (Fed. Cir. 1988) (if an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending therefrom is nonobvious). Therefore, applicant respectfully requests that the Board reverse the rejection to claims 19-24 and 29-32.

CONCLUSION

For at least the reasons discussed above, applicant respectfully submits that the rejection in the final Office Action of May 29, 2009 is clearly improper, and the claimed invention should be allowed for a patent. The applicant respectfully requests that the Board withdraw the rejection to claims 1, 3-6, 9, 10, 12-17 and 19-32.

Respectfully submitted,



Francis J. Maguire
Attorney for the Applicant
Registration No. 31,391

WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
755 Main Street, P.O. Box 224
Monroe, Connecticut 06468
(203) 261-1234

CLAIMS APPENDIX

1. (Previously presented) Method comprising:

receiving an initial user input causing a mobile communication device to be prepared for receiving an acoustic input of the user to perform speech recognition thereon;

receiving said acoustic input of the user and performing speech recognition thereon;

performing a back-up operation alternatively to the speech recognition to enable said user to provide manual input in case of failure of said speech recognition of said acoustic input as follows:

upon receiving a first manual user input in response to user actuation of a multiple switching component, which is capable to generate at least either a first input value or a second input value of the first manual user input,

displaying a list of a first set of data records in accordance with said first input value of said first manual user input or displaying a list of a second set of data records in accordance with said second input value of said first manual user input, wherein data records of said first set of data records each comprise at least one instruction dedicated to a dialing application for dialing a telephone number comprised in said instruction, wherein said first set of data records represents all telephone directory entries associated with voice tags and selectable by speech recognition, wherein data records of said second set of data records each comprise at least one instruction dedicated to a control function of at least one further application executed on said mobile communication device in accordance with said instruction, wherein said second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition; and

upon receiving a second manual user input identifying one data record of said displayed list,

transmitting an instruction corresponding to said identified data record to at least one application of a plurality of applications executable on said mobile communication device.

2. (Cancelled)

3. (Previously Presented) Method according to claim 1, wherein at least one designation is assigned to each of the data records, said designation being displayable.

4. (Previously Presented) Method according to claim 1, further comprising:

displaying an indication to said user that an alternative manual user input is operable when receiving said initial user input.

5. (Previously Presented) Method according to claim 1, wherein said list of said first set of data records is arranged in a pre-determined sequence and wherein said displaying of said list of said first set of data records comprises:

displaying at least one data record of said list of said first set of data records;
receiving a browsing input capable to exhibit a first browsing value and a second browsing value;

in case said browsing input corresponds to said first browsing value, displaying at least one data record in said pre-determined sequence subsequent to said at least one displayed data record; and

in case said browsing input corresponds to said second browsing value, displaying at least one data record in said pre-determined sequence preceding said at least one displayed data record.

6. (Previously Presented) Method according to claim 1, wherein said list of said second set of data records is arranged in a pre-determined sequence and wherein said displaying of said list of said second set of data records comprises:

displaying at least one data record of said list of said second set of data records;
receiving a browsing input capable to exhibit a first browsing value and a second browsing value;

in case said browsing input corresponds to said first browsing value, displaying at least one data record in said pre-determined sequence subsequent to said at least one displayed data record; and

in case said browsing input corresponds to said second browsing value, displaying at least one data record in said pre-determined sequence preceding said at least one displayed data record.

7-8. (Cancelled)

9. (Previously presented) An application store having computer-executable instructions stored thereon for execution of a method by a processing unit in a mobile communication device, said application store for installation in said mobile communication device, said method comprising:

receiving an initial user input causing said mobile communication device to be prepared for receiving an acoustic input of the user to perform speech recognition thereon;

receiving said acoustic input of the user and performing speech recognition thereon;

performing a back-up operation alternatively to the speech recognition to enable said user to provide manual input in case of failure of said speech recognition of said acoustic input as follows:

upon receiving a first manual user input in response to user actuation of a multiple switching component, which is capable to generate at least either a first input value or a second input value of the first manual user input,

displaying a list of a first set of data records in accordance with said first input value of said first manual user input or displaying a list of a second set of data records in accordance with said second input value of said first manual user input, wherein data records of said first set of data records each comprise at least one instruction dedicated to a dialing application for dialing a telephone number comprised in said instruction, wherein said first set of data records represents all telephone directory entries associated

with voice tags and selectable by speech recognition, wherein data records of said second set of data records each comprise at least one instruction dedicated to a control function of at least one further application executed on said mobile communication device in accordance with said instruction, wherein said second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition; and

upon receiving a second manual user input identifying one data record of said displayed list,

transmitting an instruction corresponding to said identified data record to at least one application of a plurality of applications executable on said mobile communication device.

10. (Previously presented) Mobile communication device, comprising:

pre-stored voice tags that are employable for speech recognition to enable selection of data records by speech input and recognition based on said voice tags, said data records comprising a first set of data records and a second set of data records, wherein said first set of data records and said second set of data records relate to different applications executable on said mobile communication device;

a speech recognition component for recognizing acoustic input via a microphone resulting in a selection of one of said data records in accordance with said acoustic input;

a first actuator for activating said speech recognition component;

a second actuator comprising a multiple switching component capable of generating a first input signal and a second input signal, said second actuator operable with said speech recognition component for displaying a list of said first set of data records on a display of said mobile communication device in accordance with said first input signal or a list of said second set of said data records on said display of said mobile communication device in accordance with said second input signal, wherein data records of said first set of data records each comprise at least one instruction dedicated to a dialing application for dialing a telephone number comprised in said instruction,

wherein said first set of data records represents all telephone directory entries associated with voice tags and selectable by speech recognition, wherein data records of said second set of data records each comprise at least one instruction dedicated to a control function of at least one further application executed on said mobile communication device in accordance with said instruction, wherein said second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition; and

a third actuator for selecting one data record of said list displayed on said display and for transmitting an instruction corresponding to said selected data record to at least one application of the different applications for execution in accordance with said instruction.

11. (Cancelled)

12. (Previously Presented) Mobile communication device according to claim 10, wherein

said set of data records each comprises at least one designation, said at least one designation for display on said display.

13. (Previously Presented) Mobile communication device according to claim 10, wherein said first actuator for activating said speech recognition component causes said display to indicate to a user that an alternative manual user input is operable.

14. (Previously Presented) Mobile communication device according to claim 10, wherein said first input signal is for displaying said list of said first set of data records arranged in a pre-determined sequence, wherein:

- said second actuator is operable with said speech recognition component for generating a first browsing signal and a second browsing signal, wherein in case of said displaying of said list of said first set of data records:

- said first browsing signal is for displaying of at least one subsequent data record of said first set of data records on said display; and
- said second browsing signal is for displaying of at least one preceding data record of said first set on said display.

15. (Previously Presented) Mobile communication device according to claim 10, wherein said second input signal is for displaying said list of said second set of data records arranged in a pre-determined sequence wherein:

- said second actuator is operable with said speech recognition component for generating a first browsing signal and a second browsing signal, wherein in case of said displaying of said list of said second set of data records:
- said first browsing signal is for displaying of at least one subsequent data record of said second set of data records on said display; and
- said second browsing signal is for displaying of at least one preceding data record of said second set of data records on said display.

16. (Previously Presented) Mobile communication device according to claim 10, wherein said second actuator is able to generate at least two different signals upon input of a user.

17. (Previously Presented) Mobile communication device, comprising:

a memory having a speech recognition program stored thereon for execution in said mobile communication device;

a signal processor coupled to said memory, responsive to an initial user input, for causing said mobile communication device to be prepared for receiving an acoustic input of the user;

said signal processor, responsive to said acoustic input of the user for performing speech recognition thereon;

said signal processor for performing a back-up operation alternatively to said speech recognition to enable said user to provide manual input in case of failure of said speech recognition of said acoustic input as follows:

upon receiving a first manual user input in response to user actuation of a multiple switching component, which is capable to generate at least either a first input value or a second input value of the first manual user input,

displaying a list of a first set of data records in accordance with said first input value of said first manual user input or displaying a list a second set of data records in accordance with said second input value of said first manual user input, wherein data records of said first set of data records each comprise at least one instruction dedicated to a dialing application for dialing a telephone number comprised in said instruction, wherein said first set of data records represents all telephone directory entries associated with voice tags and selectable by speech recognition, wherein data records of said second set of data records each comprise at least one instruction dedicated to a control function of at least one further application executed on said mobile communication device in accordance with said instruction, wherein said second set of data records represents all device functions or device application functions, or both, associated with voice tags and controllable by speech recognition; and

upon receiving a second manual user input identifying one data record of said displayed list,

transmitting an instruction corresponding to said identified data record to at least one application of a plurality of applications executable on said mobile communication device.

18. (Cancelled)

19. (Previously Presented) Mobile communication device according to claim 17, wherein said list of said first set of data records is arranged in a pre-determined sequence and wherein said displaying of said list of said first set of data records comprises:

displaying at least one data record of said list of said first set of data records;
receiving a browsing input capable to exhibit a first browsing value and a
second browsing value;
in case said browsing input corresponds to said first browsing value, displaying
at least one data record in said pre-determined sequence subsequent to said at least one
displayed data record; and
in case said browsing input corresponds to said second browsing value,
displaying at least one data record in said pre-determined sequence preceding said at
least one displayed data record.

20. (Previously Presented) Mobile communication device according to claim 17,
wherein said list of said second set of data records is arranged in a pre-determined
sequence and wherein said displaying of said list of said second set of data records
comprises:

displaying at least one data record of said list of said second set of data records;
receiving a browsing input capable to exhibit a first browsing value and a
second browsing value;
in case said browsing input corresponds to said first browsing value, displaying
at least one data record in said pre-determined sequence subsequent to said at least one
displayed data record; and
in case said browsing input corresponds to said second browsing value,
displaying at least one data record in said pre-determined sequence preceding said at
least one displayed data record.

21. (Previously Presented) Method according to claim 1, wherein either said list of said
first set of data records or said list of said second set of data records is displayed.

22. (Previously Presented) Method according to claim 1, wherein said displaying of said
list of said first set of data records or displaying said list of said second set of data
records further comprises:

upon receiving a browsing input, browsing within the data records of the displayed list.

23. (Previously Presented) Method according to claim 1, wherein said first set of data records represents all telephone directory entries activatable by speech recognition.

24. (Previously Presented) Method according to claim 1, wherein said second set of data records represents all device functions or device application activatable by speech recognition.

25. (Previously Presented) Mobile communication device according to claim 10, wherein either said list of said first set of data records or said list of said second set of data records is displayed on said display.

26. (Previously Presented) Mobile communication device according to claim 10, wherein said second actuator is operable with said speech recognition component for generating a browsing signal:

said browsing signal is for browsing within the data records of the displayed list.

27. (Previously Presented) Mobile communication device according to claim 10, wherein said first set of data records represents all telephone directory entries activatable by speech recognition.

28. (Previously Presented) Mobile communication device according to claim 10, wherein said second set of data records represents all device functions or device application functions activatable by speech recognition.

29. (Previously Presented) Mobile communication device according to claim 17, wherein either said list of said first set of data records or said list of said second set of data records is displayed.

30. (Previously Presented) Mobile communication device according to claim 17, wherein said displaying of said list of said first set of data records or displaying said list of said second set of data records further comprises:

upon receiving a browsing input, browsing within the data records of the displayed list.

31. (Previously Presented) Mobile communication device according to claim 17, wherein said first set of data records represents all telephone directory entries activateable by speech recognition.

32. (Previously Presented) Mobile communication device according to claim 17, wherein said second set of data records represents all device functions or device application functions activateable by speech recognition.

EVIDENCE APPENDIX

None.

RELATED PROCEEDINGS APPENDIX

None.